

INTERNATIONAL  
STANDARD

ISO/IEC/  
IEEE  
8802-1Q

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AMENDMENT 5  
2017-11

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**Information technology —  
Telecommunications and information  
exchange between systems — Local  
and metropolitan area networks —  
Specific requirements —**

Part 1Q:  
**Bridges and bridged networks**

**AMENDMENT 5: Enhancements to  
bridging of IEEE 802.11 media**

ISO/IEC/IEEE 8802-1Q:2016/AMD5:2017  
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*Technologies de l'information — Télécommunications et échange  
d'information entre systèmes — Réseaux locaux et métropolitains —  
Exigences spécifiques —*

*Partie 1Q: Ponts et réseaux pontés*

*AMENDEMENT 5: Améliorations en vue de ponter les supports  
IEEE 802.11*



Reference number  
ISO/IEC/IEEE 8802-1Q:2016/Amd.5:2017(E)

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**IEEE Std 802.1Qbz™-2016**  
(Amendment to  
IEEE Std 802.1Q™-2014)

**IEEE Standard for  
Local and metropolitan area networks—**

**Bridges and Bridged Networks—  
Amendment 27: Enhancements to  
Bridging of IEEE 802.11 Media**  
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Approved 30 June 2016  
**IEEE-SA Standards Board**

**Abstract:** Protocols, procedures, and managed objects to allow IEEE 802.11 media to provide internal connections within bridged networks, as well as access to bridged networks, are provided in this amendment.

**Keywords:** amendment, IEEE 802.1Q™, IEEE 802.11™, LANs, local area networks, MAC Bridges, transparent bridging, VLANs, Wi-Fi, wireless

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IEEE Std 802.1Qbz-2016  
IEEE Standard for Local and Metropolitan Area Networks—Bridges and Bridged Networks—  
Amendment 27: Enhancements to Bridging of IEEE 802.11 Media

## Participants

At the time this standard was completed, the IEEE 802.1 working group had the following membership:

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# ISO/IEC/IEEE 8802-1Q:2016/Amd.5:2017(E)

IEEE Std 802.1Qbz-2016  
IEEE Standard for Local and Metropolitan Area Networks—Bridges and Bridged Networks—  
Amendment 27: Enhancements to Bridging of IEEE 802.11 Media

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## Introduction

This introduction is not part of IEEE Std 802.1Qbz-2016, IEEE Standard for Local and metropolitan area networks—Media Access Control (MAC) Bridges and Virtual Bridged Local Area Networks—Amendment 27: Enhancements to Bridging of IEEE 802.11 Media.

This amendment to IEEE Std 802.1Q-2014 specifies protocols, procedures, and managed objects to allow IEEE 802.11 media to provide internal connections within bridged networks, as well as access to bridged networks.

MAC Bridges, as specified by this standard, allow the compatible interconnection of information technology equipment attached to separate individual LANs.

This standard contains state-of-the-art material. The area covered by this standard is undergoing evolution. Revisions are anticipated within the next few years to clarify existing material, to correct possible errors, and to incorporate new related material. Information on the current revision state of this and other IEEE 802 standards may be obtained from

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